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| | U.S. PATENT DOCUMENTS W | | | | | | | | | |
| Exerciner Iretes* | | DOCUMENT NUMBE | | DATE | NAME | | CLASS | SUBCLASS | PLING | |
| wy | AA | 3,933,940 | | 1/20/78 | Anders | on et al. | 525 | 43 | | OFFLATE |
| | AB | 4,093,675 | | 6/6/78 | | e et al. | 525 | 438 | | |
| | AC | 4,468,499 | | 8/28/84 | | re et al. | 525 | 93 | | |
| | AD | 4,739,013 | | 4/19/88 | | ık et ai. | 525 | 102 | | |
| | AE | 4,775,718 | | 10/4/88 | Broekh | uis et al. | 525 | 44 | | |
| | AF | 4,851,474 | | 7/25/89 | Willis et al. | | 525 | 92F | | |
| | AG | 5,091,471 | | 2/25/92 | | s et al. | 525 | 90 | | |
| | АН | 5,194,499 | | 3/16/93 | | ther et al. | 525 | 91 | | |
| | AI | 5,292,830 | | 3/8/94 | Funatayama et al. | | 525 | 478 | | |
| | AJ | 5,491,184 | | 2/13/96 | Mc Bain et al. | | 525 | 43 | | ······································ |
| | AK | 5,523,337 | | 6/4/96 | Banerjee et al. | | 525 | 92F | | |
| gill | AL | 5,639,825 | | 6/17/97 | | u et al. | 525 | 100 | | |
| Popular PATING Resignations | | | | | | | | | | |
| | | DOCUMENT HUMBER | | DATE | C6V | MTRY | CLASS | BURCLASS | TRANS | LATION NO |
| m | AM | DE 1669 262 | Α | 5/13/71 | GER | MANY | | -/ | | |
| my | AN | LU 57 906 A | | 8/4/70 | LUXEN | BOURG | | 6 | | |
| 14 | AO | WO 96 27641 | Α | 9/12/96 | w | IPO | | | | |
| 744 | AP | GB 1 104 27 | 4 | 10/12/96 | UNITED | KINGDOM | 1 | | | |
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| FORM PTG-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | | ATTORNEY | SERIAL NO.: | | | | | | |
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| | | | | | | | | U.S. 1 | PATENT D | OCUMENTS | | | | |
| Examiner Initial | | OOCLMENT NUMBER DATE HAME CLASS SUBCLASS | | | | | SUBCLASS | FIL!) | G DATE | | | | | |
| 24 | <u> </u> | 3 | 6 | 1 | 6 | 2 | 2 | 9 | 10/26/71 | Wildi, et al. | 195 | 63 | 11 25 | TOTTINE |
| | AB | 4 | 2 | , | 0 | , | 4 | 8 | 01/24/78 | Kraemer, et ai. | 260 | 79.3kU | | |
| | AC | 4 | 2 | 0 | 8 | 3 | 0 | 9 | 06/17/80 | Kreemer, et al. | 260 | 8 | | |
| | 10 | <u> </u> | ٤. | 0 | 5 | 7 | 5 | 7 | 09/20/83 | Houell, et al. | 525 | 326.7 | | |
| | AE | 6 | 4 | , | 0 | 5 | 6 | 0 | 10/18/83 | Straus, Eugene W. | 525 | 54.1 | | |
| | AF | 1 6 | 7 | 0 | 7 | 5 | 2 | 1 | 11/17/87 | Esneault, et al. | 525 | 250 | | |
| | AS | 4 | 7 | 5 | 2 | 5 | 3 | 8 | 06/21/88 | Nowinski, et al. | 525 | 54.1 | | |
| | AH | 4 | 9 | 5 | 6 | 5 | 9 | 2 | 39/04/90 | Kaschig, Jurgen | 526 | 255 | | |
| | AI | 5 | 0 | 3 | 6 | 4 | 2 | 8 | 07/23/91 | Hoffman, et al. | 522 | 5 | | |
| | A.J | 5 | 0 | 5 | 9 | 6 | 5 | 4 | 10/22/91 | Hou et al. | 525 | 54.1 | | |
| | AK | 5 | ! | 3 | 0 | 1 | 8 | 1 3 | 07/14/92 | Carew, Even S. | 525 | 343 | | |
| | AL | 5 | 1 | 6 | 4 | 0 | 0 | 8 | 09/01/92 | ikeda, et al. | 530 | 354 | - | |
| | AM | 5 | 2 | 3 | 1 | · · | 5 | 6 | 07/27/93 | Lin, Chia-Cheng | 526 | 279 | | |
| | AN | 5 | 2 | 5 | 2 | 6 | 9 | 5 | 10/12/93 | Miciri, et al. | 528 | 30 | | |
| | AC | 5 | 3 | 1 | 3 | 7 | 8 | 5 | 05/10/94 | Variop, et al. | 525 | 54.1 | | |
| | AP | 5 | 3 | 6 | 2 | 8 | 1 | 2 | 11/08/94 | Hoimes, et al. | 525 | 274 | | |
| pin | AQ | 5 | 6 | 6 | 5 | . 5 | 2 | 2 | 09/09/97 | Bitler, et al. | 525 | 92 | | |
| · · · · · · · · · · · · · · · · · · · | | | | | | | FO | REIG | N PATENT | DOCUMENTS | | | | |
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FORM PTO-1449 U.S. Department of Commerce Atty. Docket No.. Applin No. (REV 8-83) Patent and Trademark Office 10762-4US cal 216,520 Applicant INFORMATION DISCLOSURE STATEMENT Bitler Filing Date: Group: herewith (Use several sneets if necessary) 1511

US PATENT DOCUMENTS. Exr Document Sub-Filing date number **Date** Class nitial C1255 (if appropriate) wy 4.339.571 > 07/13/82 Gutekunst et al. 528 361 09/14/82 4.349.651 Smith 526 283 4,358,571 11/09/82 Kaulman et al. 525 524 4,420,605 12/13/83 Kaufman 528 34 4.421.897 12/20/83 Gutekunst et al. 525 119 02/07/84 4,430,445 Miyake et al. 521 38 09/17/85 4.542,202 Takeuchi et al. 528 96 4,548,155 10/08/85 Hirose et al. 525 504 4,659,779 04/21/87 118 Bagga et al. 525 4,689,388 08/1987 Hirai et al. 528 104 4,701,378 10/20/87 Bagga et al. 428 414 4,742,148 05/03/88 Lee et al. 528 117 4.830.855 05/16/89 Stewart 424 448 4.830,863 05/16/89 Jones 428 118 4.877.679 10/31/89 Leatherman 428 224 4,921,913 05/1990 Pettit Jr. 525 119 4.933.392 06/12/90 Andrews et al. 525 110 4,954,472 09/04/90 Scott et ai. 502 152 5, 129, 180 07/14/92 Stewart 47 57.8 5,156,911 10/20/92 Stewart 428 355 5,160,768 11/03/92 Antoon Jr. 428 35 03/1994 5,292,811 Murata et al. 525 193 5,342,858 08/1994 Litchholt, et al. 521 98 06/1993 5,368,048 11/29/94 Stoy et al. 128 772 5,387,450 02/07/96 Stewart 428 40 5.397.822 03/1995 Lee, Jr. 524 127 08/1993 5,412,035 05/02/95 Schmitt et al. 525 228 5,414,058 05/05/95 Ono Kazuya et al. 525 523 5,430,112 07/04/95 Sakata et al. 525 526 5,439,977 08/08/95 525 Yokota et al. 113 1M

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|---------------|--|--------------------------------|----------------|--|--|
| FORM PTO-1449 | U.S. Department of Commerce Patent and Trademark Office | Atty. Docket No.: 10762-8US | 09/216,520 | | |
| (REV 8-83) | | Applicant Bitler et al. | | | |
| INFORMAT | TION DISCLOSURE STATEMENT | Filing Date: | Group: 1511 | | |
| (1100 | several sheets if necessary) | nerewith | | | |

| | | FUR | EIGN PATENT DOCUMENTS | l i | Sub- class | Translation enclosed |
|--------|--------------------------|----------|-----------------------|-------|---------------|----------------------|
| Exr. | Document | Date | Country | Class | Clase | |
| nitial | A-0018950 > A-0362787 | 11/12/80 | Europe | | | , |
| u | | 11/04/90 | Europe | | 1 | |
| | | 04/15/93 | PCT | | / | |
| | WO 93/07194 | 11/11/93 | PCT | 1 | | |
| | WO-A-93/21967 | | PCT | / | | |
| | WO 94/12040 | 09/06/94 | | | | |
| wy | WO 94/24219 | 10/27/94 | PCT | | 1 | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Translation enclosed Details of Document Exr. Woods, THE ICI POLYURETHANES BOOKS, John Wiley & Sons, 1987 initial Hartshorn, STRUCTURAL ADHESIVES, Chemistry and Technology, Marcel Dekker, 719 May, EPOXY RESINS, Chemistry and Technology, 2nd Ed., Marcel Dekker, Inc., 1988 Lee and Neville, HANDBOOK OF EPOXY RESINS, McGraw-Hill Book Company, 1987 Ellis, CHEMISTRY AND TECHNOLOGY OF EPOXY RESINS, Blackie Academic & Professional, 1993 The Society of the Plastics Industry, Inc., TEST METHODS FOR EPOXY Tun, THERMAL CHARACTERIZATION OF POLYMERIC MATERIALS, Academic COMPOUNDS Press, Inc., 1981 Gates, CATALYSTS, POLYMER-SUPPORTED, Encyclopedia of Polymer Science & Eng., Vol. 2, pp. 708-729 Takaishi, et al., Transition Metal Catalyzed Asymmetric Organic Syntheses via Polymer-Attached Optically Active Phosphine Ligands. Synthesis of R Amino Acids and Hydratropic Acid by Hydrogenation, Journal of the American Chemical Society, 100;1, January 4, 1978, pp. 264-272 Chevron Olefins and Derivatives Division, et al., GULFTENE ALPHA OLEFINS, pp. 3, 5, 7, 11, 13, 32 'Polyurethanes, Chemistry, Technology and Applications' by Z. Wirpsza, Pages 142-143, 299-301, 310-312 and 316 "Reaction Polymers" by Wilson F. Gum, pp. 151-152, 165-169, 247-251 11/ U.S. Patent Application Serial No. 08/048,280 U.S. Patent Application Serial No. 08/445,545 U.S. Patent Application Serial No. 08/445.887

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